

~~SECRET~~TSSG/RED/ATB/EL-75/69  
17 September 1969

MEMORANDUM FOR: Chief, Research and Engineering Division, TSSG

SUBJECT: Progress on IDT Computer Display System

1. [ ] has reported that it has ordered the final long lead item for the "off-line" IDT computer display system. A 9-track magnetic tape transport, Model 3110 Series, has been ordered from the Kennedy Company, Altadena, California with delivery scheduled to [ ] on 25 October 1969. This 9-track unit replaces the 7-track Honeywell 416-4132 Magnetic Tape Transport originally included in the system. The Kennedy tape transport will be compatible with the 9-track IBM 360/50 computer at ORD/DD/S&T, Ames Building, and the IBM 360/65's at Headquarters. The Kennedy tape transport is less expensive than the Honeywell model and the October delivery date to [ ] will change the delivery date of the IDT computer display system to NPIC from 30 May 1970 to 1 April 1970.

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2. An optical engineer has been assigned the task of bread-boarding the hard-copy output, which has a format of 3.20" in the horizontal mode and 4.00" in the vertical. Included in this output is development of raster removal optics. The hard-copy medium will probably be Kodak Panatomic-X or Polaroid P/N using a 4" x 5" Graflex back.

3. Work on the entire system is progressing on schedule. A trip to [ ] is scheduled for mid-October by [ ]

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## Distribution:

Original - TSSG/RED/CH

1 - TSSG/RED/ATB/EL (file)

1 - DD/S&amp;T/ORD/Optics (Attn: [ ])

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